Antonio Dominguez-Alfaro

List of Publications by Year
in descending order

22 papers	538 citations	623734 14 h-index	713466 21 g-index
22 all docs	22 docs citations	22 times ranked	682 citing authors

#	Article	IF	Citations
1	3D Scaffolds Based on Conductive Polymers for Biomedical Applications. Biomacromolecules, 2019, 20, 73-89.	5.4	76
2	Additive Manufacturing of Conducting Polymers: Recent Advances, Challenges, and Opportunities. ACS Applied Polymer Materials, 2021, 3, 2865-2883.	4.4	62
3	Gold Nanoparticle-Functionalized Reverse Thermal Gel for Tissue Engineering Applications. ACS Applied Materials & Interfaces, 2019, 11, 18671-18680.	8.0	47
4	Three-Dimensional Conductive Scaffolds as Neural Prostheses Based on Carbon Nanotubes and Polypyrrole. ACS Applied Materials & Interfaces, 2018, 10, 43904-43914.	8.0	45
5	Tailored Methodology Based on Vapor Phase Polymerization to Manufacture PEDOT/CNT Scaffolds for Tissue Engineering. ACS Biomaterials Science and Engineering, 2020, 6, 1269-1278.	5.2	31
6	3D Printable Conducting and Biocompatible PEDOTâ€<i>graft</i>â€PLA Copolymers by Direct Ink Writing. Macromolecular Rapid Communications, 2021, 42, e2100100.	3.9	30
7	3D Printable and Biocompatible Iongels for Body Sensor Applications. Advanced Electronic Materials, 2021, 7, 2100178.	5.1	30
8	Graphene, other carbon nanomaterials and the immune system: toward nanoimmunity-by-design. JPhys Materials, 2020, 3, 034009.	4.2	29
9	Water Soluble Cationic Poly(3,4â€Ethylenedioxythiophene) PEDOTâ€N as a Versatile Conducting Polymer for Bioelectronics. Advanced Electronic Materials, 2020, 6, 2000510.	5.1	25
10	Intrinsic and selective activity of functionalized carbon nanotube/nanocellulose platforms against colon cancer cells. Colloids and Surfaces B: Biointerfaces, 2022, 212, 112363.	5.0	24
11	Fast Visible-Light Photopolymerization in the Presence of Multiwalled Carbon Nanotubes: Toward 3D Printing Conducting Nanocomposites. ACS Macro Letters, 2022, 11, 303-309.	4.8	24
12	Electroactive 3D printable poly(3,4-ethylenedioxythiophene)-<i>graft</i>-poly(Îµ-caprolactone) copolymers as scaffolds for muscle cell alignment. Polymer Chemistry, 2021, 13, 109-120.	3.9	19
13	Toward Spontaneous Neuronal Differentiation of SH-SY5Y Cells Using Novel Three-Dimensional Electropolymerized Conductive Scaffolds. ACS Applied Materials & Interfaces, 2020, 12, 57330-57342.	8.0	16
14	Effervescence-assisted spiral hollow-fibre liquid-phase microextraction of trihalomethanes, halonitromethanes, haloacetonitriles, and haloketones in drinking water. Journal of Hazardous Materials, 2020, 397, 122790.	12.4	15
15	Toward Two-Photon Absorbing Dyes with Unusually Potentiated Nonlinear Fluorescence Response. Journal of the American Chemical Society, 2020, 142, 14854-14858.	13.7	14
16	Tuning Electronic and Ionic Conductivities in Composite Materials for Electrochemical Devices. ACS Applied Polymer Materials, 2021, 3, 1777-1784.	4.4	12
17	Recent Advances on 2D Materials towards 3D Printing. Chemistry, 2021, 3, 1314-1343.	2.2	12
18	Elastic and Thermoreversible Iongels by Supramolecular PVA/Phenol Interactions. Macromolecular Bioscience, 2020, 20, e2000119.	4.1	11

#	Article	IF	Citations
19	Effect of the fullerene in the properties of thin PEDOT/C60 films obtained by co-electrodeposition. Inorganica Chimica Acta, 2017, 468, 239-244.	2.4	9
20	2D and 3D Immobilization of Carbon Nanomaterials into PEDOT via Electropolymerization of a Functional Bis-EDOT Monomer. Polymers, 2021, 13, 436.	4.5	5
21	Electrochemical modification of carbon nanotube fibres. Nanoscale, 2022, 14, 9313-9322.	5.6	2
22	Conductive Polymers Building 3D Scaffolds for Tissue Engineering. RSC Polymer Chemistry Series, 2020, , 383-414.	0.2	0